

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A method of estimating a signal-to-noise ratio (SINR), comprising:
estimating polarities of a plurality of received data symbol samples; and
generating an SINR estimate based on the plurality of received data symbol samples and the estimated polarities of the plurality of received data symbol samples such that the SINR estimate is not ~~substantially~~ dependent only on a ~~the~~ polarities of the plurality of received data symbol samples.
2. (Original) The method of claim 1, wherein the generating step multiplies each of the plurality of received data symbol sample by an associated estimated polarity, and generates the SINR estimate using the multiplication results as data symbol samples in an SINR estimation algorithm.
3. (Currently Amended) A method of estimating a signal-to-noise ratio (SINR), comprising:
estimating bit values of a plurality of received data symbol samples; and
generating an SINR estimate based on the plurality of received data symbol samples and the estimated bit values of the plurality of received data symbol samples such that the SINR estimate is not ~~substantially~~ dependent only on a bit value of the plurality of received data symbol samples.

4. (Original) The method of claim 1, wherein the generating step multiplies each of the plurality of received data symbol sample by an associated estimated bit value, and generates the SINR estimate using the multiplication results as data symbol samples in an SINR estimation algorithm.

5. (Original) A method of estimating a signal-to-noise ratio (SINR), comprising:

estimating polarities of a plurality of received data symbol samples;

converting the received data symbol samples into quasi-pilot symbol samples based on the estimated polarities; and

generating an SINR estimate based on the quasi-pilot symbol samples.